



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 11] नई बिल्सी, शनिवार, मार्च 13, 1982 (फाल्गुन 22, 19 13)

No. 11] NEW DELHI, SATURDAY, MARCH 13, 1982 (PHALGUNA 22, 1903)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 13th March 1982
CORRIGENDA

(1)

In the Gazette of India Part III, Section 2 dated the 14th March, 1981 under the heading "Complete Specification accepted", in Page 142, Column 1, against No. 148501 for "Applicant KENNETH EUGENE TUREAUD, OF 213 EAST WASHINGTON STREET, ANN ARBOR, MICHIGAN 48108, UNITED STATES OF AMERICA" read Applicant BLACK KNIGHT INVESTMENTS LIMITED, OF GEORGE TOWN, P.O. BOX 1111, GRAND CAYMAN, CAYMAN ISLANDS, BRITISH WEST INDIES".

(2)

In the Gazette of India, Part III, Section 2, dated the 20th June 1981 under the heading "COMPLETE SPECIFICATION ACCEPTED".

In page 348, column 2, line 11 against No. 148806—
for Appln. No. 290/Bom/79
read Appln. No. 290/Bom/78.

(3)

In the Gazette of India, Part III, Section 2 dated the 10th October 1981 in page 534 before the heading "OPPOSITION PROCEEDINGS".

1—497GI/81

Please insert —

Claim under Section 20(1),

"The claim made by CHEFARO PHARMACEUTICALS LTD. under Section 20(1) of the Patents Act, 1970 to proceed the application for patent application No. 212/Bom/78 in their name has been allowed".

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

4th February 1982

134/Cal/82. The B. F. Goodrich Company. High impact synergistic compositions containing polycyano norbornenes.

135/Cal/82. The B. F. Goodrich Company. Internally coated reaction vessel for use in olefinic polymerization.

136/Cal/82. J. & P. Coats, Limited. Synthetic yarn and yarn-like structures and a method and apparatus for their production. (February 4, 1981).

137/Cal/82. The Dow Chemical Company. Water-dispersible hydrophobic thickening agent.

138/Cal/82. General Electric Company. Polyglycol dielectric capacitor fluid.

139/Cal/82. V. Pattabhi. Multiple roller loading system.

5th February 1982

140/Cal/82. Hoechst Aktiengesellschaft. Anionic surface-active compounds based on oxyalkylated naphthal novolacs and their use.

141/Cal/82. W. Prifsemuth. Acetylene gas reactor.

142/Cal/82. Toyo Engineering Corporation and Mitsui Toatsu Chemicals, Incorporated. A process for manufacturing granular compound fertilizers.

143/Cal/82. Schering Corporation. Process for the preparation of steroidal 17 α -arylcetoxylates.

144/Cal/82. BASF -Aktiengesellschaft. Gaining access to very deep coal seams.

145/Cal/82. A. Bhattacharya. A continuous or rhythmic flow device for preparing substances of desired dilution.

6th February 1982

146/Cal/82. Brown & Williamson Tobacco Corporation Cigarette filter.

147/Cal/82. National Aeronautics and Space Administration. Automatic compression adjusting mechanism for internal combustion engines.

148/Cal/82. E. Koppelman. Self-cleaning screw conveyor.

8th February 1982

149/Cal/82. Sri N. C. Biswas, Sri J. K. Biswas and Kumari Jamuna Biswas. Wood burning cooking oven.

150/Cal/82. BIPOL Ltd. Refrigerator cabinet suitable for use on railroad trains and in other vehicles subject to considerable vibration.

151/Cal/82. Siemens Aktiengesellschaft. Generating apparatus and method of regulating a generating apparatus.

152/Cal/82. Envirotech Corporation. Liquid-solid separation utilizing pressure rolls covered with elastomeric layers.

9th February 1982

153/Cal/82. Petroleo Brasileiro S.A.—Petrobras. Process for the dehydration of a low molecular weight alcohol.

154/Cal/82. H. A. McMaster. Glass Sheet roller conveyor furnace including gas jet pump heating.

155/Cal/82. Leningradsky Gorny Institut Imeni G. V. Plekhanova and Proizvodstvennoe Geologicheskoe Obiedinenie Tsentrallykh Raionov "Tsentrgeologie". Method of preparing plugging material.

156/Cal/82. Leningradsky Gorny Institut Imeni G. V. Plekhanova and Proizvodstvennoe Geologicheskoe Obiedinenie Tsentrallykh Raionov "Tsentrgeologia". Device for applying plugging mix to well walls.

10th February 1982

157/Cal/82. Maschinenfabrik Rieter A. G. Take-off roll for fibre bales.

158/Cal/82. Dr. A. K. Kar. Fibre-reinforced concrete sleepers.

159/Cal/82. Unilever PLC (Formerly known as UNILEVER LTD.). Process for preparing 4-hydroxy-5-methyl-2, 3-dihydrofuranone-3 and changing organoleptic properties of foods.

160/Cal/82. Chimica Del Friuli S.p.A. Purification of hexahydro-benzoic acid.

161/Cal/82. L. & C. Steinmuller GMBH. Process for the flow-technical preparation of ignition fuel for a fuel-dust igniting flame from an existing main fuel-flow.

162/Cal/82. L. & C. Steinmuller GMBH. Process for the preparation of fuel dust taken from an existing main fuel stream for a fuel-dust igniting flame by means of a sifter device or an additional grinding apparatus.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, AT TODI ESTATES III FLOOR, SUNMILL COMPOUND, LOWER PAREL, BOMBAY-13

29th December 1981

354/Bom/1981 N. K. Goyle. Folding safety/crash helmet.
31st December 1981

355/Bom/1981 Parmeshwar P. Choudhury and others. Discharge night lamp without filament.

356/Bom/1981 Vilas David and others. Reusable twin filament bulb.

357/Bom/1981 Vilas David and others. Two filament electric bulb.

358/Bom/1981 Vilas David and others. Dual filament electric bulb.

359/Bom/1981 Vilas David and others. Bi-filament electric bulb.

360/Bom/1981 Jitendra C. Amin. Means for collapsing furniture for transportation.

361/Bom/1981 Sanghavi Kanakiya. A mechanical self-stamping pad.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH,
61, WALLAJAH ROAD, MADRAS-600 002

25th January 1982

14/Mas/82 G. Balakrishnan. Midget Feeler Box.

28th January 1982

15/Mas/82 G. Sathiyarayanan. A motor driver pumpset.

16/Mas/82 D.R. Balasubramanian. Molecular Models.

30th January 1982

17/Mas/82 T. A. Vijayam. A wet grinder with horizontal grinding surfaces with facility to drain the ground substance where in a cylindrical stone is held over a rotating circular stone forming the grinding surfaces.

18/Mas/82 T. A. Vijayam. A wet grinder with horizontal grinding surfaces with facility to drain the ground substance where in a cylindrical stone held in a horizontal axis is driven, directly or indirectly is placed over a fixed stone with an inner elevating part.

1st February 1982

19/Mas/82 N. Kumar. A Novel Drilling Tool.

2nd February 1982

20/Mas/82 M. Jose. Transverse Engine.

3rd February 1982

21/Mas/82 Lucas Industries Ltd. Brakes for Vehicles (January 25, 1979).

22/Mas/82 Widia (India) Ltd. A Tungsten Carbide Twist Drill.

23/Mas/82 Widia (India) Ltd. A Quick Change Milling Cutter.

5th February 1982

24/Mas/82 N. Kumar. Multipurpose Cutting Tool Assembly.

6th February 1982

25/Mas/82 Mrs. A. Madan. Improvements in or relating to luggages.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

CLASS 129T 149677.

Int. Cl.-B21d 1/00.

MACHINE FOR EXPANDING METAL WEBS.

Applicant : EXPLOSAFE S.A., OF 11 RUE D'ITALIE, 1211 GENEVA 3, SWITZERLAND.

Inventors : ANDREW SZEGO AND VICTOR KALLAY.

Application No. 163/Cal/78 filed February 13, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A machine for expanding metal webs comprising a pair of expander arms having vertically and horizontally diverging edges along which a slit metal web is to be passed, the web slipping laterally over the diverging edges and being spread therebetween so as to open the slits in the web out into diamond-shaped meshes, the arms being mounted on a sub-frame in such a way so as to allow the angle between the edges of the arms to be widened or diminished and the sub-frame being mounted on a main frame in such a way so as to allow the sub-frame to be tilted about a pivotal axis extending longitudinally of the direction of web feed along the arms.

Comp. Specn. 40 pages.

Drg. 14 sheets.

CLASS 32E & 153

149678.

Int. Cl.-C09k 3/12, C09c 1/00, B24c 1/00, B24d 3/00.

IMPROVEMENTS IN A PROCESS FOR THE MANUFACTURE OF A RESIN BONDED ABRASIVE ARTICLE.

Applicant : KENNEDY CORPORATION, AT 10 STAMFORD FORUM, STAMFORD, CONNECTICUT, U.S.A.

Inventor : JOHN JULIUS BODOLAI.

Application No. 635/Cal/78 filed June 12, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims

In a process for the manufacture of a resin bonded abrasive article such as herein described which comprises blending a curable resin with an abrasive, shaping the resulting blend and curing the resin to form a resin bonded abrasive article, the improvement which comprises adding from 0.2 to 5 weight percent of particulate cuprous oxide into the blend prior to shaping.

Comp. Specn. 16 pages.

Drg. 1 sheet.

CLASS 129G

149679.

Int. Cl.-B23k 7/10.

ELECTRICAL TRACING CONTROL SYSTEM FOR PROCESSING MACHINES, IN PARTICULAR FLAME CUTTING MACHINES.

Applicant : MESSE RRIESHEIM GMBH, OF HANAU LANDSTR. 330 D-6000 FRANKFURT/MAIN, WEST GERMANY.

Inventor : HORST BRATENGEIER.

Application No. 843/Cal/78 filed August 3, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

An electrical tracing control system for processing machines, in particular flame cutting machines, with a tracing unit which traces an edge photo-electrically and in which at least one photo-transistor is arranged, the output signal of which can be passed to a tracing motor in order to adjust the photo-transistor in the direction of the tangent to the edge, whereby the tracing motor is connected with a resolver for the control of two-co-ordinate motors, a motor pole reversal stage and a system for pre-selecting the start-of-cut direction, and whereby the output signal of the photo-transistor (13) can be fed to a comparison step (21) and the output signal of the comparison step (21) to the motor pole reversal stage (17) as a correction change-over signal during the cutting operation.

Comp. Specn. 10 pages.

Drg. 2 sheets.

CLASS 55D₂

149680.

Int. Cl.-A01n 9/12, 9/22, 9/24.

PROCESS OF PREPARING A NOVEL SYNERGISTIC FUNGICIDAL COMPOSITION CONTAINING MANEB.

Applicant : LILLY INDUSTRIES LIMITED, OF HENRIETTA HOUSE, HENRIETTA PLACE, LONDON W.1, ENGLAND.

Inventor : ANTOINE CASANOVA.

Application No. 961/Cal/78 filed September 1, 1978.

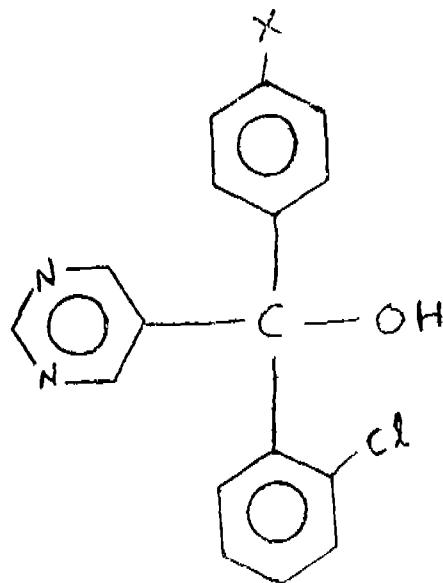
Convention date September 7, 1977/(37251/77), U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

Process of preparing a novel synergistic fungicidal composition comprising admixing as one fungicidally active ingredient [1, 2-ethanediylbis [carbamodithioato] (2-)-]manganese

and as a second fungicidally active ingredient a pyrimidine methanol of formula (I).



Formula I

where X is chlorine or fluorine.

Comp. Specn. 9 Pages.
CLASS 32F₂b & 55D₂

Drg. 1 Sheet.
149681

Int. Cl.-C07d 47/00, 85/00, 25/00 & A01n 5/00, 9/00.

PROCESS FOR THE MANUFACTURE OF POLYCYCLIC NITROGENOUS COMPOUNDS.

Applicant : BASF AKTIENGESELLSCHAFT, AT 6700 LUDWISHALEN, FEDERAL REPUBLIC OF GERMANY.

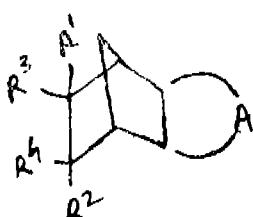
Inventors : ROLF PLATZ, WERNER FUCHS, NORBERT RIEBER, JOHANN JUNG AND BRUNO WUERZER.

Application No. 993/Cal/78 filed September 11, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for the manufacture of a compound of the formula I.



Formula I

wherein R₃ and R₄ are individual radicals or together denote the radical (B)_n. A denotes the radicals —N=N—,

$\begin{array}{c} \text{O} \quad \text{R}^5 \quad \text{O} \\ | \quad \quad || \quad \quad | \\ -\text{N}=\text{N}-\text{N}-\text{C}- \text{or} \quad -\text{N}-\text{N}-\text{N}- \end{array}$, B denotes 1 or 3 hetero atoms (O, N, S) or carbon atoms, viz., the radical —O—, formula shown in Fig. 1.

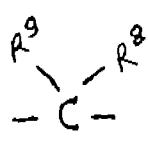


Fig. 1

—S—S—S—, —O—N=O—,

formula shown in Fig. 2, formula shown in Fig. 3, formula shown in Fig. 4.

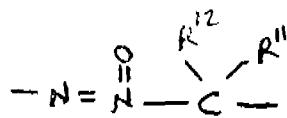


Fig. 2

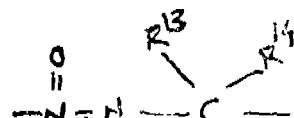


Fig. 3

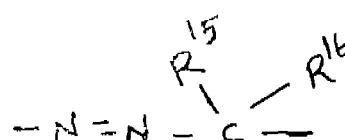


Fig. 4

$\begin{array}{c} \text{R}^{17} \quad \text{R}^{18} \\ | \quad \quad | \\ -\text{N}=\text{N}-\text{C}- \end{array}$, formula shown in Fig. 5.

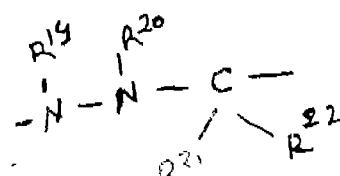


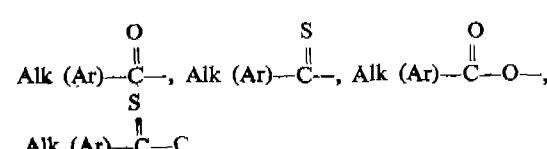
Fig. 5

$\begin{array}{c} \text{R}^{23} \quad \text{R}^{24} \\ | \quad \quad | \\ -\text{O}-\text{N}-\text{C}- \end{array}$,
or $\begin{array}{c} \text{R}^{25} \\ | \\ -\text{O}-\text{N}- \end{array}$,

B may also, when A is $\begin{array}{c} \text{R}^5 \quad \text{O} \\ | \quad \quad || \\ -\text{N}=\text{N}-\text{C}- \end{array}$ or $\begin{array}{c} \text{O} \\ || \\ -\text{N}=\text{N}- \end{array}$, denote the

$\begin{array}{c} \text{R}^{26} \\ | \\ -\text{N}- \end{array}$ radical $\begin{array}{c} \text{R}^{27} \\ | \\ -\text{N}-\text{N}- \end{array}$,

n is one of the integers 0 and 1, R₁ to R₇ are identical or different and each denotes hydrogen, or alkyl, alkenyl or alkynyl of 1 to 30 carbon atoms, preferably alkyl of 1 to 18 carbon atoms which may be cyclic or acyclic and linear or branched, phenyl or naphthyl, a heterocyclic radical with one or three hetero atoms (O, N, S), or aralkyl, the aromatic radical if desired being replaced by the heterocycle being a cyclic radical of from 5 to 7 atoms which contains 1 to 3 hetero atoms in the ring, the remaining atoms in the ring being carbon atoms; the radicals R₁ to R₂₇ apart from hydrogen, may be mono- or poly-substituted by halogen, cyano, —OH, —SH, —NO₂, —NH₂, —NO, —N—OH, —O, —N—Oalk(Ar), —S, —S, —NH, —NAlk(Ar), —N, —N—CH, —N—OAlk(Ar), —N(H, Alk) —N(H, Alk, Ar)₂, —N—N(H, Alk, Ar)₂, —COOH or —SO₃H or salts thereof, Alk(Ar)—O—, =C(H, Alk, Ar)₂, Alk(Ar)—S—, Alk(Ar)—N—, (Alk, Ar)₂N—, (H, Alk, Ar)₃ + N—, —S(Alk)₂.



Alk (Ar)—C(=O)S—, Alk (Ar)—C(=O)N (Alk, Ar)—,
 Alk (Ar)—C(=S)S—,
 Alk (Ar)—C(=O)NH—, Alk (Ar)—C(=S)N (Alk, Ar)—,
 Alk (Ar)—C(=S)H—, ClSO₂—,
 Alk (Ar)—SO₂—N(H)—, Alk (Ar)—SO₂—N (Alk, Ar)—
 Alk (Ar)—SO₂—,
 —C(=O)NH₂, —SO₂—NH₂, —SO₂—OAlk (Ar)—,
 Alk (Ar)—O—C(=O)—,
 Alk (Ar)—O—C(=S)—, Alk (Ar)—S—C(=O)—, Alk (Ar)S—C(=S)—,
 Alk (Ar)—N(H)—C(=O)—,
 (Alk, Ar)₂N—C(=O)—, Alk (Ar)—N(H)—C(=S)—, (Alk, Ar)₂N—C(=S)—,
 Alk (Ar)—N(H)—SO₂—,
 (Alk, Ar)₂N—SO₂—, Alk (Ar)—N=N—,

primary, secondary or tertiary alkyl, haloalkyl, haloalkoxy, haloalkyl-mercapto or the radicals shown in Figs. 6 to 15.

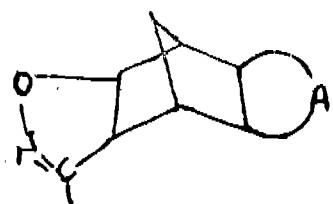


Fig. 6

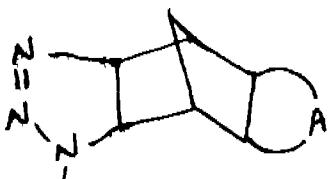


Fig. 7

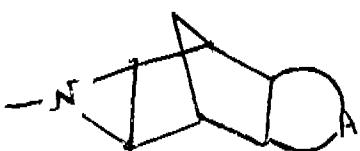


Fig. 8

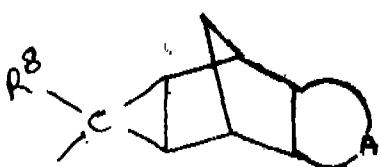


Fig. 9

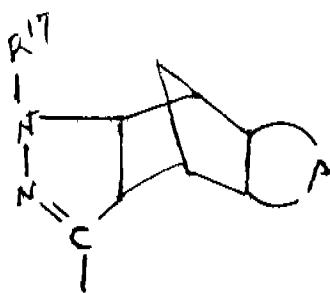


Fig. 10

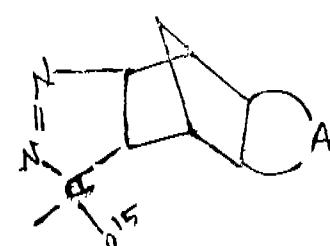


Fig. 11

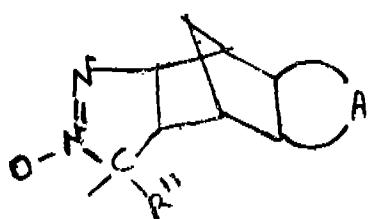


Fig. 12

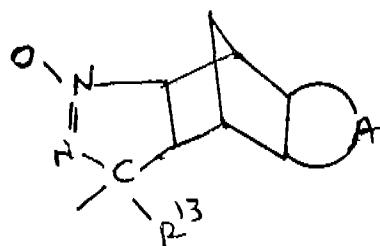


Fig. 13

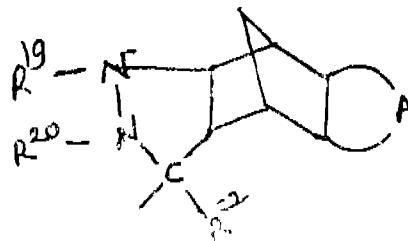


Fig. 14

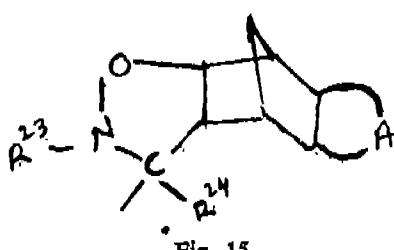
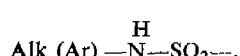
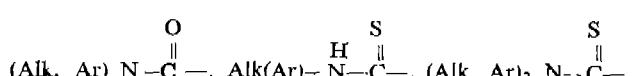
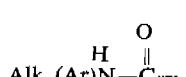
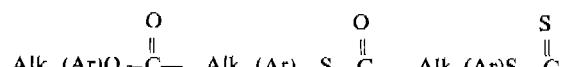
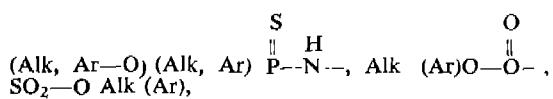
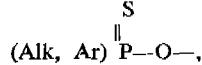
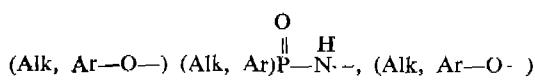
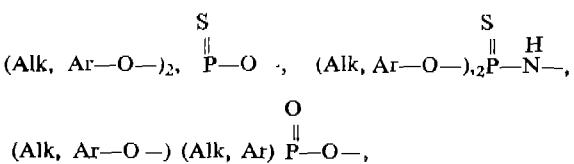
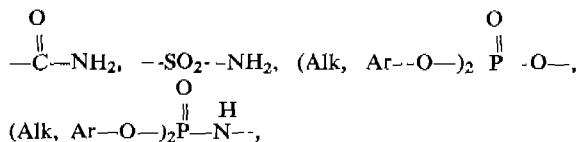
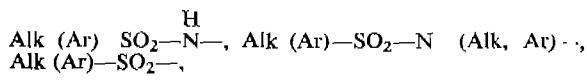
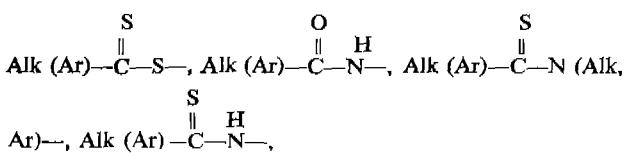
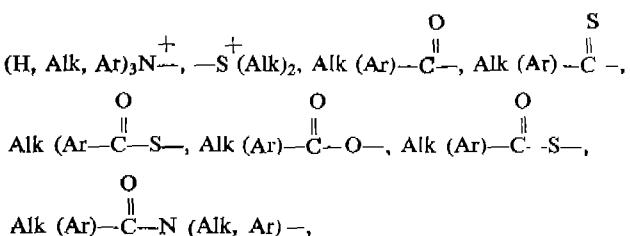
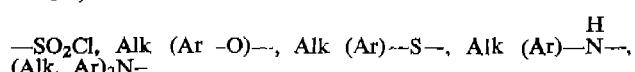
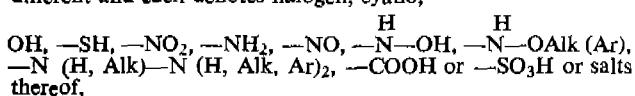


Fig. 15

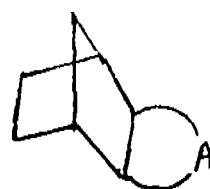
Alk denoting alkyl and Ar an aromatic radical which may also be substituted as given above, further, R₁ to R₇ are identical or different and each denotes halogen, cyano,



$(\text{Alk, Ar})_2\overset{\text{H}}{\underset{\text{N}}{\text{S}}}-\text{O}_2-$, $\text{Alk}(\text{Ar})-\overset{\text{H}}{\underset{\text{N}}{\text{S}}}-\text{N}-$, and further, R₁ and R₃ together or R₂ and R₄ together, denote =O, =S, =NH, =NAalk (Ar), =N-OH, =N-OAlk (Ar), =C (H, Alk, Ar)₂,

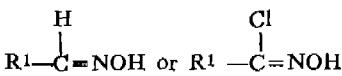
$=\overset{\text{H}}{\underset{\text{N}}{\text{N}}}-\text{Alk}(\text{Ar})$ or $=\overset{\text{H}}{\underset{\text{N}}{\text{N}}}(\text{H, Alk, Ar})_2$, and the radicals R₈ and R₉, R₁₁ and R₁₂, R₁₃ and R₁₄, R₁₅ and R₁₆, R₂₁ and R₂₂ and R₂₃ and R₂₄ may be linked via bridges with one or more

carbon or hetero (O, N, S) atoms, wherein a compound of the formula II,



Formula II

is reacted with a 1, 3-dipolar compound, i.e. a compound of, for example, the formula



or the formula shown in Fig. 202 or

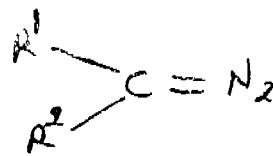
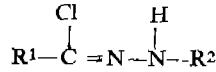


Fig. 202



or where R₁ and R₂ have the above meanings.

Comp. Specn, 90 pages.

Drgs. 10 sheets.

CLASS 80J

149682.

Int. Cl.-B01d 39/10.

TUBEWELL STRAINER OR FILTER.

Applicant & Inventor : BIREN DAS GUPTA, 19, SHYAMA PALLI, JADAVPUR, CALCUTTA-700 032, WEST BENGAL, INDIA.

Application No. 1317/Cal/78 filed December 12, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Tubewell strainer or filter comprising a series of permeable or percolation cylindrical blocks of thermoplastic material placed one above the other, wherein (i) the circular joints between adjacent blocks are reinforced by circular bands of thermoplastic material firmly and permanently adhered to the said joints, (ii) each said cylindrical block is provided with a plurality of slits for percolation of water therethrough, (iii) the width of each slit varies from 0.07 mm to 0.50 mm and the distance between any two consecutive slits is not more than 3 mm.

Comp. Specn. 7 pages.

Drg. 1 sheet.

CLASS 205B

149683.

Int. Cl.-B29h, 17/00.

TIRE LOADFR.

Applicant : NRM CORPORATION, OF 3200 GILCHRIST ROAD, P.O. BOX 63338, AKRON, OHIO 44312, UNITED STATES OF AMERICA.

Inventor : ANAND PAL SINGH.

Application No. 77/Cal/79 filed January 25, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

A tire loader comprising a movable frame, a horizontal plate mounted for rotation on a vertical axis, loader shoes mounted on said frame for radial movement to and from said axis, and respective link means interconnecting said plate and each shoe, each link means extending at a common angle with respect to a radius whereby rotation of said plate in one direction will reduce said angle thus moving said shoes radially outwardly and rotation of said plate in the opposite direction will increase said angle thus moving said shoes radially inwardly.

Comp. Specn. 11 pages

Drg. 2 sheets.

CLASS 128F.

149684.

Int. Cl.-A61b 10/00.

A DOSAGE PUMP.

Applicant: A/S N. FOSS ELECTRIC, OF SLANGERUP-GADE 69, DK-3400 HILLEROD, DENMARK.

Inventor: MILOSLAV ZAKORA.

Application No. 299/Cal/79 filed March 27, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A dosage pump comprising a housing including a cylinder a piston sealingly engaging with the inner surface of the cylinder and movable between a first position in which the piston defines a first volume in said housing, and a second position in which the piston defines a second greater volume in the housing, inlet and outlet passages communicating with said first and second volumes in the housing, means arranged on said piston and adapted to interrupt in at least one of said first and second positions of the piston the communication established between said inlet and outlet passages by said first and second volumes.

Comp. Specn. 12 Pages.

Drg. 1 Sheet.

CLASS 92D.

149685.

Int. Cl.-B23c 3/00.

COMBINED DRY-WEB MILLING PROCESS FOR REFINING WHEAT.

Applicant: CPC INTERNATIONAL INC, INTERNATIONAL PLAZA, ENGLEWOOD CLIFFS, NEW JERSEY 07632, U.S.A.

Inventors: VINCENT PAUL CHWALEK AND RICHARD MARTIN OLSON.

Application No. 344/Cal/79 filed April 6, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

11 Claims.

A continuous wheat refining process, which comprises : (A) dry milling whole grain wheat in the manner such as herein described to provide (a) an endosperm fraction, (b) a germ fraction, (c) a fiber (Bran) fraction and (d) a cleanings-fraction; (B) wet milling in the manner such as herein described the signal endosperm fraction of (A) and (a) by sequentially (i) steeping the endosperm fraction, (ii) separating the larger wet endosperm particles from the smaller wet endosperm particles, (iii) milling by known method the larger wet endosperm particles to reduce their particle size, (iv) recombining the wet endosperm particles of (ii) and (iii) into a single fraction, and (v) steeping by known method the endosperm fraction again to provide a mill starch slurry; (C) separating fine fiber tailings from the mill starch slurry of (B); (V); (D) separating by known method the desifted mill starch slurry of (C) into a starch-rich fraction and a protein-rich fraction; (E) concentrating by known method the protein-rich fraction of (D); (F) directly combining each of the fiber (Bran) fraction, the cleanings fraction and the germ fraction of (A), the fine fiber tailings fraction of (A), the fine fiber tailings fraction of (C) and the protein-rich

concentrate of (E) to provide a wet animal feed product; and (G) drying the wet feed product of (F) to obtain a final animal feed product.

Comp. Specn. 20 Pages

Drg. 4 Sheets.

CLASS 47A & C

149686.

Int. Cl.-C10J 3/00

PROCESS FOR THE GASIFICATION OF SOLID CARBONACEOUS FUELS.

Applicant: TEXACO DEVELOPMENT CORPORATION, OF 2000 WESTCHESTER AVENUE, WHITE PLAINS, NEW YORK 10650, UNITED STATES OF AMERICA.

Inventors: WILLIAM LEON SLATER AND GEORGE NEAL RICHTER.

Application No. 365/Cal/79 filed April 12, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings.

A process for the gasification of a solid carbonaceous fuel such as herein defined containing chemically bound water, which comprises forming an initial slurry of said fuel in water containing less than 50 wt. percent solids, contacting said initial slurry with hot synthesis gas comprising carbon monoxide and hydrogen in a quench zone thereby cooling said gas and heating said initial slurry to a temperature between 400°F and 700°F, the pressure in said quench zone being sufficiently high to keep the water in liquid phase, removing by conventional method treated solids fuel from said contacting zone and subjecting it as a concentrated water slurry containing between 50 and 75 wt. percent solids measured on a dry basis to partial oxidation by conventional method to produce additional synthesis gas comprising carbon monoxide and hydrogen and introducing said additional synthesis gas into said quench zone to heat additional initial slurry and quench said additional synthesis gas.

Comp. Specn. 15 Pages.

Drgs. Nil.

CLASS 48D₂.

149687.

Int. Cl.-H02g 1/00.

APPARATUS FOR CONNECTING A FLEXIBLE LINE TO A SUBSEA STATION.

Applicant: SOCIETE NATIONALE ELF AQUITAINE (PRODUCTION), OF TOUR AQUITAINE 92400 COURBEVOIE, FRANCE.

Inventors: GEORGES MICHEL CHATEAU AND CHERTER B. FALKNER JR.

Application No. 8/Del/78 filed January 5, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

9 Claims

Apparatus for connecting a flexible line to a subsea station, said apparatus comprising guide frame means to which one end of the flexible line is attached and which is adapted to be guided into releasable engagement with one or more guide posts provided on the station by means of guide lines leading from a vessel positioned above said station and connected to said guide posts, characterised in that said guide sleeve means adapted to engage said guide posts, socket container means connecting said guide sleeve means and pivotally mounted there between, connecting means for connecting the free end of the flexible line to said socket container means, locking means provided on said socket container means adapted to lock said socket container means in selected position on the frame structure with respect to the subsea station, and running tool means releasably engageable with said guide sleeve means and adapted to latch on to said sleeve means so as to lower the guide frame means into engagement with the guide posts on the subsea station or retrieve the guide frame means therefrom.

Comp. Specn. 17 Pages.

Drgs. 3 Sheet.

CLASS 32E.

149688.

Int. Cl.- C08f 27/00.

Title: PROCESS FOR THE PREPARATION OF A NOVEL CROSS LINKED POLYSTYRENE RESIN HAVING ACETOACETIC ESTER FUNCTIONALITY.

Applicants: INDIAN EXPLOSIVES LTD. OF ICI HOUSE, 34 CHOWRINGHEE ROAD, CALCUTTA-700 071, WEST BENGAL, INDIA, THE ALKALI AND CHEMICAL CORPORATION OF INDIA LTD., ICI HOUSE, 34 CHOWRINGHEE ROAD, CALCUTTA-700 071, WEST BENGAL, INDIA AND CHEMICALS AND FIBRES OF INDIA LTD. OF CRESCENT HOUSE, 19 WALCHAND HIRACHAND MARG, BOMBAY-400 038.

Inventors: (1) DR. ANNOOTTAM GHOSH (2) DR. SUMIT BHADURI.

Application No. 249/BOM/1978. Filed on August 21, 1978.

Complete Specification after provisional filed on October 31, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay.

5 Claims.

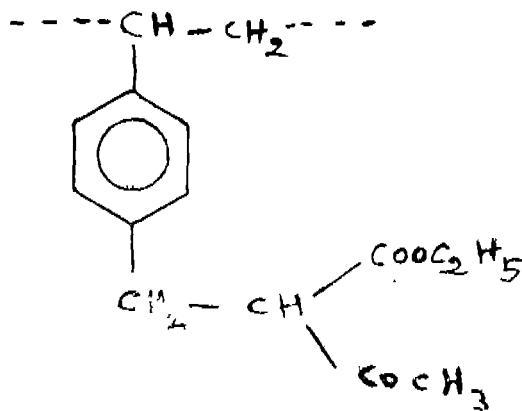
A process for the preparation of novel (crosslinked) polystyrene resin having acetoacetic ester functionality having the structure as shown in Fig. 1 of the accompanying drawings where $-\text{CH}-\text{CH}_2-$ represents the (Crosslinked) polymer backbone, which comprises the steps of chloromethylation of a crosslinked polystyrene resin followed by reacting the chloro-methylated resin with acetoacetic ester of the structure as shown in figure 2 in the presence of a base and a solvent, such as herein described.

Prov. Specn. 3 Pages.

Drg. 1 Sheet.

Comp. Specn. 5 Pages.

Drg. 1 sheet.



Class 39 N

149689

Int cl C01g 1/00, 3/00, 5/00, 7/00, 9/00, 23/00, 31/00, 37/00, 39/00, 41/00, 49/00, 51/00, 53/00, 55/00

PROCESS FOR THE EXTRACTION OF METALS FROM SOLUTION OR SUSPENSIONS OF METALLIC SALTS AND ACETYLACETONATE COMPLEXES.

Applicants: INDIAN EXPLOSIVES LIMITED OF ICI HOUSE 34, CHOWRINGHEE ROAD CALCUTTA 700071 WEST BENGAL INDIA ; THE ALKALI AND CHEMICAL CORPORATION OF INDIA LIMITED OF ICI HOUSE 34, CHOWRINGHEE ROAD CALCUTTA 700071 WEST BENGAL INDIA AND CHEMICAL AND FIBERS OF INDIA LIMITED OF CRESCENT HOUSE 19, WALCHAND HIRACHAND MARG, BOMBAY 400 038 MAHARASHTRA INDIA

Inventors: DR. ANNOOTTAM GHOSH
DR. SUMIT BHADURI

Application No. 251/BOM/78 Filed AUG 21, 1978

Complete specn after prov left on OCT 31, 1979

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

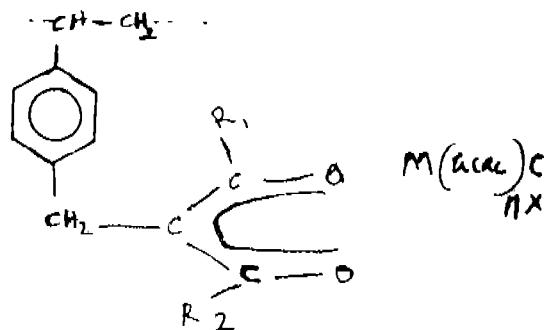
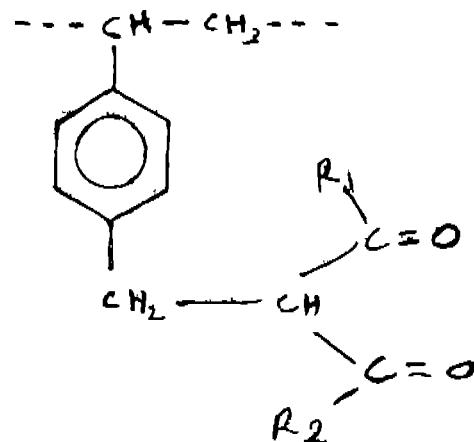
5 Claims

1. A process for the extraction of a metal of the group Fe, Co, Cu, Ni and Cr triads of the periodic table and V, Zn and Ti from a solution or suspension in one or more solvents such as herein described containing at least one salt or an acetylacetone complex of such make comprising the steps of contracting the said solution or suspension of salt or metal complex with a diketone functionalised cross linked polystyrene resin of figure 1 of the accompanying drawing wherein R₁ and R₂ which may be the same or different are benzyl groups or alkyl groups containing 1 to 3 carbon atoms and $-\text{CH}-\text{CH}_2-$ represents the (cross linked) polymer backbone to form a metallic resin complex of figure 2 wherein R₁ and R₂ and $-\text{CH}-\text{CH}_2-$ are as defined above and (acac) is acetylacetone residue; M is a metal as defined above selected from Fe Co, Cu, Ni and Cr triads of the periodic table and V, Zn and Ti; n, x and y : in case of metal salts, n=0, x=0, and y=valency of the metal M; in case of metal acetylacetone complexes, when M is V, n=1, x=1, y=1

When M is Mo, n=1, x=2, y=1, when M is Cr or W, n=2, x=0, y=1

when M is a metal of Co or Fe triads, n=2, X=0, y=1

When M is a metal of Cu or Ni triads n=1, x=0, y=1, treating the said metallic resin complex of fig 2 with an inorganic or organic acid whereby the resin is regenerated and the metal goes into acidic solution where from the metal is isolated by known means.



Prov specn 4 pages drawing 1 sheet

Comp specn 10 pages drawing 1 sheet

CLASS 154D.

149690.

Int. Cl.-B41f 31/00.

"METHOD AND APPARATUS FOR APPLYING A THIN FILM OF A COATING LIQUID FROM A WETTING CONTAINER ONTO A SUBSTRATE".

Applicant: POLYTYPY AG, ROUTE DE LA GIANE 26, CH-1701 Fribourg, SWITZERLAND.

Inventors: (1) ERNST SCHOLL KOPF (2) WALTER RIMMEL (3) HANS SKUTTFY (4) EDWARD ORTNER.

Application No. 9/BOM/79. Filed Jan. 10, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, Bombay

Claim.

A method of applying a thin film of a coating liquid from a wetting container onto a substrate by means of a cylindrical transfer roller in contact with a bath of the coating liquid in the container, one wall of the container comprising a doctor blade adjacent the roller, in which method the coating liquid is supplied to the rotating roller upstream of the doctor blade and is transferred from the roller directly to the substrate downstream of the doctor blade, and any coating liquid not transferred to the conveyor returns to the bath in the container, the coating liquid being supplied to the roller under pressure immediately upstream of the doctor blade thereby creating a washing effect on the roller and simultaneously applying a fresh film of coating liquid thereon, the direction of flow of the coating liquid adjacent the roller immediately upstream of the doctor blade being counter to the direction of rotation of the roller.

Comp. Specn. 10 Pages.

Drgs. 4 Sheets.

CLASS 136C.

149691

Int. Cl.-D01d 5/00.

Title: A SERRATED PLASTIC STRIP OF SYNTHETIC PLASTIC MATERIALS FOR THE MANUFACTURE OF CORDAGES.

Applicant: GARWARE WALL ROPES LIMITED, A LIMITED COMPANY UNDER THE INDIAN COMPANIES ACT AND HAVING ITS REGISTERED OFFICE AT CHOWPATTY CHAMBERS, SANDHURST BRIDGE, BOMBAY-400 007, MAHARASHTRA, INDIA.

Inventor: R. M. TELANG.

Application No. 18/BOM/1979. Filed January 22, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Bombay Branch.

2 Claims.

A serrated plastic strip of synthetic plastic materials for the manufacture of cordages comprising a plurality of round filaments arranged longitudinally and running along the length of the strip, the said filament being attached to each other by a thin flat member such that the strap has a changing cross-section of alternate ridges and throughs and whereby the filaments are adapted to be separated providing individual filament during the twisting process in the manufacture of cordages.

Comp. Specn. 6 Pages.

Drgs. 2 Sheets.

CLASS 51C.I.

183

149692.

Int. Cl.-A47g 21/00, A47j 43/00

'A DETACHABLE TONG'.

Applicant & Inventor: MRS LALITHA RAGHUNATH, 305 BUSSA INDUSTRIAL ESTATE NEAR CENTURY BAZAR, PRABHADAVI, BOMBAY-400 025, MAHARASHTRA, INDIA UNDER THE FIRM NAME OF SUMAY INDUSTRIES.

Application No. 34/BOM/79. Filed February 1, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Bombay Branch.

2 Claims.

A detachable tong comprising two moulded members adapted to be connected in a scissor-type joint, the members having manual grips at ends on one side of the joint, characterized in that said joint is made detachable by a projected and T-shaped fulcrum pin located at the middle of one member with a corresponding hole in the other member, said pin having cylindrical base of the height of the thickness of the hole, the said hole being adapted to pass the top of T-shaped projection when the two members are placed at right angles to each other, the hole with the pin when assembled being adapted to engage the members in a scissor type joint after the members are turned to an acute angle, and further characterized in that the ends of the said members on the other side of the joint are respectively fabricated like the ends of a spoon and a fork.

Comp. Specn. 4 Pages.

Drgs. 2 Sheets.

CLASS 32 F₄c + 40B

149693.

Int. Cl. B02j 11/00 + C07c 39/06.

Title: PROCESS FOR THE PREPARATION OF AN IMPROVED CATALYST FOR THE ORTHO-METHYLATION OF PHENOLS IN VAPOUR PHASE WITH METHANOL.

Applicants: CAMPHOR AND ALIED PRODUCTS LIMITED, HAVING ITS REGISTERED OFFICE AT JEHANGIR BLDG., 133 MAHATMA GANDHI ROAD, BOMBAY-400 023, STATE OF MAHARASHTRA, INDIA.

Inventors: DR. CHANDRA SHEKHAR SHARMA, DR. HARMANDER PAL SINGH CHAWLA AND DR. SUKH DEV

Application No. 170/BOM/1979. Filed on June 11, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claim.

A process for the preparation of an improved catalyst for the orthomethylation of phenols in vapour phase with methanol which comprises: (a) preparing a mixture of magnesium hydroxide and manganese hydroxide by precipitation and isolation of the precipitate of magnesium hydroxide and manganese hydroxide from their corresponding salts of inorganic or organic acids with alkali metal hydroxides such as sodium hydroxide or potassium hydroxide or alkaline earth metal hydroxides such as calcium hydroxide or barium hydroxide or ammonium hydroxide, either separately and then mixing together or co-precipitating both magnesium hydroxide and manganese hydroxide from a mixture of said magnesium and manganese salts dissolved in water, in proportions such as herein described; (b) calcining the said mixture of magnesium hydroxide and manganese hydroxide in shales such as herein described at a temperature of 400-600°C for 1 to 50 hours.

Comp. Specn. 9 Pages.

Drg. Nil.

CLASS 5C

149694.

Int. Cl.-A 01 d-1/00.

A SICKLE.

Applicant : COLLEGE OF AGRICULTURE, DEPARTMENT OF AGRICULTURAL ENGINEERING, DAPOLI, DISTRICT-RATNAGIRI, MAHARASHTRA, INDIA.

Inventor : SHAMRAO PANDURANG PATIL.

Application No. 234/Bom/79 filed August 27, 1979

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims

A sickle comprising a cutting blade of curved shape formed with serrations or teeth on its cutting edge, an intermediate member between said blade and the handle of the sickle characterized by that the said intermediate member subtends an obtuse angle at its junction with the face of the blade and also subtends an obtuse angle at its junction with the handle both the obtuse angles lying in the same plane.

Complete Specn. 7 pages.

Drg. 1 sheet.

CLASS 175F

149695.

Int. Cl. F 16 j 15/12.

A METHOD AND A DEVICE FOR MANUFACTURING METAL JACKETED GASKETS AND GASKETS PREPARED THEREBY.

Applicant : IGP ENGINEERS PRIVATE LIMITED, POST BOX NO. 1380, 134, ANGAPPA NAICKEN STREET, MADRAS-600 001, TAMIL NADU.

Inventor : GOPALAN TYER GANESAN.

Application No. 17/Mas/79 filed January 30, 1979.

Complete specification left January 30, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A method of manufacturing metal jacketed gaskets comprising the steps of :

- cutting metal claddings from metal sheets,
- subjecting the said metal claddings to channel formation and thereafter filling the claddings with fillers such as hereinbefore described,
- primarily subjecting the thus filled metal claddings to fold or close over the said fillers by a primary clipping machine, and then
- finally subjecting the claddings to pressure by a power rolling machine to form metal jacketed gaskets of uniform shape and structure.

Complete Specn. 9 pages.

Drawings 2 sheets, each of size 33.00 cms. X 41.00 cms.)

CLASS 80F

149696.

Int. Cl.-B 01 d 33/14.

AN IMPROVED FLUID FILTERING APPARATUS FOR FILTERING FLUID TRAVELLING THROUGH A PASSAGE OF RESTRICTED CROSS-SECTIONAL AREA.

Applicant & Inventor : KHKANAJF SHIVARAMA SHARMA, OF AGRO PRIVATE LIMITED, 28, LAIBAGH ROAD, BANGALORE-560 027, KARNATAKA.

Application No. 63/Mas/80 filed March 28, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

An improved fluid filtering apparatus for filtering fluid travelling through a passage of restricted cross-sectional area comprising a plurality of strainers arranged to form an endless screen, each side of which is rigidly attached to endless haulage chains for guiding the movement of the screen, a conventional drive system for rotating the screen, characterised in that the movement of the chain rollers is guided by a plurality of roller guides embedded directly on to the walls of said passage.

Complete Specn. 6 pages.

Drg. 1 sheet.

CLASS 61G & 85A

149697.

Int. Cl. F 26 b 21/02 & F 27 b 3/08.

AN IMPROVED TEA DRIER.

Applicant & Inventor : ABRAHAM EVERATHUKIZHA-KATHIL JOSEPH, PASUPPARA P.O., ALAMPALLY ESTATE, IDUKKI DISTRICT, KERALA.

Application No. 207/Mas/80 filed November 18, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims. No drawing.

An improved tea drier including a drying chamber for the reception of tea leaf to be dried, at least one supply duct for feeding hot air into the chamber and a furnace for heating the air, characterised in that said furnace is an electrical furnace having a plurality of heating elements and is provided with a dust collector, and said supply duct is provided with at least one thermostat for maintaining hot air fed to the chamber at a preselected temperature.

Complete Specification 7 pages.

OPPOSITION PROCEEDINGS

(1)

The opposition entered by Orissa Cement Limited to the grant of a patent on application No. 133557 made by Orissa Industries Limited as notified in Part III Section 2 of the Gazette of India dated the 27th July, 1974 has been treated as withdrawn and a patent has been ordered to be sealed on the application.

(2)

The opposition entered by Prav Electrospark Private Limited to the grant of a patent on application No. 146539 made by De Beers Industrial Diamond Division Limited as notified in Part-III, Section 2 of the Gazette of India, dated the 29th December, 1979 has been treated as withdrawn and a patent ordered to be sealed on the application subject to amendment of specification.

(3)

The opposition entered by Christine Hoden (India) Private Limited to the grant of a patent on application No. 148710 by Personal Products Company as notified in Part III,

Section 2 of the Gazette of India dated the 19th December, 1981 has been dismissed and a patent has been ordered to be sealed on the application.

(4)

An Opposition has been allowed by V. M. R. Engineering Works to the grant of a patent on application No. 149015 made by Srinivasagam Tidal Ramasamy.

PATENTS SE ALTD

141115 143947 147882 148341 148721 148805 148807 148815
148823 148825 148831 148833 148834 148835 148836 148837
148843 148844 148845 148846 148848 148849 148865 148866
148872 148874 148875 148876 148878 148880 148881 148884

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by Voest Alpine Aktiengesellschaft, formerly known as Vereinigte Oesterreichische Eisen- und Stahlwerke-Alpine Montan Aktiengesellschaft, in respect of patent application No 147463 as advertised in Part III, Section 2 of the Gazette of India dated the 13th June 1981 have been allowed.

CLAIM UNDER SECTION 20(1)

Notice is hereby given that the claim made by Indian Explosives Ltd., The Alkali and Chemical Corporation of India Ltd. and Chemical and Fibres of India Ltd. under Section 20(1) of the Patents Act, 1970 to proceed the application for patent No 251/Bom/78 in their names has been allowed.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following partners are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
141625 (08 02.74)	Recovery of titanium dioxide from ores.
143122 (17 02.76)	Improvement in an integrated process for the treatment of vegetable matters.
143201 (26 08.75)	Process for preparing pyrimidinones.

RENEWAL FEES PAID

106102 106449 106854 107270 109092 109614 109646 109946
110008 111926 112240 112388 112440 112560 115055 115178
117319 117404 117468 117515 117554 117555 117607 117608
117646 117882 118036 118092 118250 118327 118678 119858
120086 120148 120240 120495 123050 123290 123656
123657 123871 125400 125862 127786 128365 128571 129038
129706 130114 130191 130217 130253 130768 130799 131635
131637 132662 132894 133176 133728 133952 134052 134413
134628 134853 135013 135039 135508 135634 135725 135773
135774 135954 136898 137408 137410 137411 137945 138128
138197 138244 138675 138748 138802 138926 139216 139340
139634 139656 139722 139833 139858 140118 140221 140264
140290 140317 140342 140390 140580 140710 140783 140916
141111 141266 141393 141597 141654 141807 141835 141861

141862 141863 141968 142142 142483 142567 142621 142698
142758 142763 142775 143269 143388 143464 143524 143534
143648 143690 143692 143807 143921 144027 144029 144173
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144845 144876 144900 144937 145006 145008 145033 145188
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146176 146182 146260 146285 146357 146375 146477 146499
146503 146516 146529 146599 146603 146740 146796 146856
146872 146879 146954 146957 146934 147005 147013 147014
147056 147079 147133 147159 147180 147197 147228 147263
147290 147303 147423 147504 147546 147547 147604 147643
147662 147690 147721 147737 147745 147792 147793 147794
147821 147823 147835 147873 147885 147890 147905 147906
147908 147919 147928 147929 147937 147947 148104 148134
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148199 148290 148292 148293 148311 148358 148441 148522
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104214 104219 104226 104236 104271 104278 104302 104329
104333 104339 104368 104370 104380 104425 104445 104448
104461 104468 104476 104504 104507 104518 104524 104526
104539 104540 104555 104556 104572 104574 104576 104582
104584 104591 104616 128338 143702 147476

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 150653. Union Carbide Indian Limited, an Indian Company of 1, Middleton Street, Calcutta-700071, West Bengal. "Electric Torch". April 7, 1981.

Class. 1. No. 150833. Heating Engineers of 12th floor, Vandhana, 11, Tolstoy Marg, New Delhi-110001, India, an Indian Company. "Thermostat". June 1, 1981.

Class. 1. No. 150834. Heating Engineers of 12th floor, Vandhana 11, Tolstoy Marg, New Delhi-110001, India, an Indian Company. "Thermostat". June 1, 1981.

Class. 1. No. 151409. Industrial Paper Machines Private Ltd. of A-32, Phase-I, Naraina Industrial Area, New Delhi-110028. "Paper Bag Machine". December 16, 1981.

Class. 3. No. 150505. Ravi Prakash, Indian National of Calicot House, 8, Tamarind Lane, Fort, Bombay-400001, Maharashtra, India. "Ice Tray". March 5, 1981.

Class. 3. No. 150643. Parvathy Kandaswami of 1 Anna Nagar, 3rd Street, Tiruvannamalai 606601, Tamil Nadu, Indian. "Calculator". April 2, 1981.

Class. 3. No. 150654. Union Carbide India Limited, an Indian Company of 1, Middleton Street, Calcutta-700071, West Bengal, India. "Electric Torch" April 7, 1981.

EXTENSION OF COPYRIGHT FOR THE SECOND PERIOD OF FIVE YEARS

No. 143418

Class. 3.

Class. 3. No. 151037. Rajinder Nath of Industrial Estate, Ambala City, 134002, Haryana, India, an Indian National. "Juice Extractor". July 25, 1981.

EXTENSION OF COPYRIGHT FOR THE THIRD PERIOD OF FIVE YEARS

Nos. 142426 and 138928

Class. 3.

Class. 4. No. 150935. Scottish & Newcastle Breweries Limited, a British Company of Abbey Brewery, Holyrood Road, Edingurg EH8 8YS, Great Britain. "Bottle". June 25, 1981.

Class. 5. No. 150794. Parvathy Kandaswami, 1 Anna Nagar, 3rd Street, Tiruvannamalai 606601, Tamil Nadu, Indian. "Calculator". May 22, 1981.

S. VEDARAMAN.

*Controller-General of Patents, Designs
and Trade Marks*